

Milton, FL Mitigation Initiatives
as of August 2007

Milton Rank	Project Name	Project Description	Total Cost	Amount filed for grant	Status	LMS Points	Milton's Portion	Funding Status
1	Firehouse	The existing Milton Fire House is old and in poor condition. The facility is inadequate to house the existing fire fighting equipment and fronts directly on Bruner Street. The structure is a two story building located in flood zone B with the first floor at grade. The facility was built in 1962 and consists of two back in apparatus bays. In the 70's and early 80's additions were made by members of the department adding a third bay, a shop and a second floor class room. The existing structure does not meet the newer codes established in recent years. This facility houses the entire operation of the City of Milton Fire Department. With the space limitations, both in land and building, storage of some operational equipment has been shifted to storage in a shed or outdoors.	\$ 3,000,000	\$ -	pending funding source	51	\$ -	
2	Keyser Street/Elva Street	The project includes the correction of stormwater problems (street flooding), undersized water service problems, inadequate fire protection, sanitary sewer problems and gas main upgrades. It is proposed to remove and replace the existing roadway, drainage and utilities with new infrastructure. Project includes new pavement, stormwater collection and treatment, potable water distribution, sanitary sewer collection and gas distribution. Potable water and fire protection improvements are proposed CDBG projects.	\$ 471,250	\$ 471,250	filed with CDBG, approved, work begun. Also filed with HMGP for further work	13	\$ -	CDBG work in progress; HMGP approved
3	Police Department Shutters	Provide storm shutters; replace 3 exterior doors with tempered glass hurricane coating; replace the conference room door with a steel door. This is an emergency staging building for city workers to respond to disasters within the Milton utility service area.	\$ 9,000	\$ 16,000	filed with HMGP	42	\$ 4,000	approved
4	Patterson Town Sanitary Sewer	Remove existing vacuum sewer system and replace with a master lift station and gravity sanitary sewer collection system.	\$ 3,000,000	\$ -	pending funding source	37	\$ -	
5	Public Works Building Hardening/Generator	Provide a natural gas powered electric generator and switching equipment to provide electric power during Gulf Power outages. This facility is an emergency staging building for city workers and may be used as a shelter for employee families during emergencies.	\$ 45,000	\$ 45,000	filed with CDBG, approved, work begun	30	\$ -	work in progress
6	Public Works Building Shutters	Addition of storm shutters for the City's Public Works Building. This facility is essential to the City's response after an event.	\$ 30,000	\$ 30,000	filed with CDBG, approved, work begun		\$ -	work in progress
7	Sanitary Sewer Liftstations (15 liftstations - generators)	Provide emergency electrical power to operating liftstations during Gulf Power electrical outages. Lack of electric power allows lifts stations to fill & overflow creating a major health hazard. Health hazards of this type have subjected the city to FDEP fines and clean-up requirements. The liftstation pumps require electric power to operate, to mitigate the problem requires an alternate source of electrical power. Natural gas supplied to the generators at the liftstations would provide the alternate power source.	\$ 375,000	\$ 435,000	filed with CDBG, approved, work begun	42	\$ -	work in progress

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8	Water Well chlorine alarm (5 wells)	The City's 5 potable water wells have chlorine dispensing systems. Chlorine is considered a hazardous material and therefore the well sites are considered hazardous material sites. There are currently no alarm systems in place to alert City personnel or the surrounding population of a hazardous material spill from these sites. FDEP has noted this as an issue in its monitoring report. The installation of an alarm would reduce the potential health and safety dangers that currently exist.	\$ 12,000	\$ 15,000	filed with CDBG, approved, work begun	35	\$ -	work in progress
9	Quick disconnects for city traffic signals	Project proposes to provide 17 traffic lights within the city limits to have quick connection / disconnects installed so that portable generators can be installed to power the traffic lights. Hurricane and other hazards / disasters cause power outages making passage through controlled intersections dangerous. This is especially evident during evacuations and recovery operations. The ability to connect the traffic lights to a source of power will restore operation of the traffic signals.	\$ 65,000	\$ 65,000	filed with CDBG, approved, work begun	36	\$ -	work in progress
10	Byrom St. Potable Water Well & Hospital Well (generators & bldg repairs)	Provide natural gas powered generators and associated electrical system upgrades to operate the well pumps, lights and chemical feed equipment and both well sites. The hospital well also requires some building and fence repairs to insure site security. Byrom Street well estimate \$65,000; Hospital well estimate \$95,000.	\$ 160,000	\$ 160,000	filed with CDBG, approved, work begun	30	\$ -	work in progress
11	Upgrade Water System for Fire Protection	There are many potable water lines within the City of Milton water service area that are of inadequate capacity to provide fire protection. In some places within the water system there is an inadequate number of fire hydrants for the heavily populated areas. This mitigation measure will include upgrading potable water lines to proper size for fire protection as well as adding the additional hydrants needed to provide adequate fire protection.	\$ 567,000	\$ 35,500	some filed with CDBG, approved, work begun, remainder needs to be completed	29	\$ -	work in progress
12	Sanders Street Upgrade	Construct a stormwater collection system to address problems at W. H. Rhodes Elementary school, Sanders Street Park and College Park Subdivision. Project to include replacement of all utilities, stormwater collection system, curbs & gutters, asphalt pavement and purchase of right-of-way.	\$ 1,300,000	\$ 451,000	filed with HMGP	36	\$ 112,750	in review
13	Berryhill Area Fire Protection (new water tank)		\$ 500,000	\$ -	pending funding source		\$ -	
14	East Milton Sewage Treatment	The new facility would enable the expansion of the existing sanitary sewer system and thereby eliminate the need for additional septic tanks. Existing septic tanks could be eliminated. Existing septic tanks are old and not working as designed. Systems that do not function properly discharge raw sewage into area rivers and bays causing a biohazard to area residents and animal life.	\$ 10,000,000	\$ -	pending funding source	14	\$ -	

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15	Locklin Lake Dam Repair	The existing earthen dam has been damaged by previous storms. The dam structure has been weakened and the lake has been inundated with silt. The project proposes to repair the dam facility and spillway to control stormwater and dredge the lake to remove accumulated silt and restore the lake to a biologically stable facility.	\$ 1,250,000	\$ 700,000	filed with HMGP, partial funding through another source	28	\$ 175,000	in review
16	Generators for traffic signals	The project is to include 17 portable gasoline generators sufficient in capacity to operate traffic lights at controlled intersections. Intersections become dangerous during events that create power outages. The proposed generators will provide an alternate source of power to restore traffic signals during evacuation and recovery operations. This project needs to be coordinated with the Traffic Signal Quick Disconnect project.	\$ 65,000	\$ -	pending funding source	39	\$ -	
17	Comprehensive Stormwater Development Plan Update	Update and upgrade the existing 1990 Comprehensive Stormwater Development Plan to include annexed areas since 1990 and GPS Mapping of the System.	\$ 200,000	\$ -	pending funding source	35	\$ -	
18	Broad Street Drainage	This project has been on the Stormwater Committee agenda for many years. Replacing the undersized drainage pipe system to handle a 25-year storm event. This project will correct the flooding of streets and adjacent properties for storm events up to a 25-year storm.	\$ 300,000	\$ -	pending funding source	30	\$ -	
19	Police Department Site Security	Provide hazard material response from Police Dept. and provide sufficient cones and barricades to limit access to the area.	\$ 51,750	\$ -	pending funding source	17	\$ -	
20	Russell Harbor Landing Dirt Road	This roadway is less than 2 feet above the normal river elevation. During storm events the roadway is flooded and the dirt / clay road is washed into the river. While mitigation measures are proposed to occur during the park renovations, the 1300 L.F. dirt roadway will need to be eliminated.	\$ 100,000	\$ -	pending funding source	34	\$ -	
21	Alabama St./Collins Mill Creek Box Culvert	Improve the existing box culvert under Alabama Street to minimize local flooding along Alabama Street during heavy rain events.	\$ 300,000	\$ -	pending funding source	33	\$ -	
22	Alabama St. Watershed – Drainage study & facility		\$ 300,000	\$ -	pending funding source		\$ -	
23	Clayton Lane/Park Lane	Provide new storm drain pipe (existing is crushed), 1500 L.F. street paving, curb & gutter, and relocate utilities.	\$ 80,000	\$ -	pending funding source	20	\$ -	
24	Combs Street/Henry Street	Construct new stormwater pipe system to provide positive drainage of stormwater runoff from large storm events (25 year +) which cause flooding of Canal Street, Combs Street and adjacent private property.	\$ 100,000	\$ -	pending funding source	22	\$ -	
25	Locklin Lake/Byrom Street Drainage	Armor the shoreline at Locklin Lake in the vicinity of the 54" diam. stormwater system discharge pipe which serves the Byrom Street watershed. The project will stop shoreline erosion and prevent silting of the lake and loss of private property in the area.	\$ 200,000	\$ -	pending funding source	22	\$ -	

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26	Westwood & Easy Street Storm Drainage	The drainage ditch needs to be gravel bottom type and the asphalt pavement needs to be raised 6 inches to 1 foot and 200 L.F. of curbing needs to be replaced so that this area can drain to Westwood. Project will benefit 400 people and prevent flooding property in the area.	\$ 50,000	\$ -	pending funding source	23	\$ -	
27	East Grace Street Drainage	Construct a stormwater management system consisting of ditches, pipes and inlets to control stormwater runoff and eliminate erosion problems	\$ 100,000	\$ -	pending funding source	20	\$ -	
28	Conecuh Street Bridge Replacement	Replace the existing wooden bridge with a concrete structure	\$ 500,000	\$ -	pending funding source	18	\$ -	
29	Police Department Communication	Provide communications capacity between vehicles and personnel - inter city and inter agency.	\$ 210,000	\$ -	pending funding source	22	\$ -	
30	Acquisition/Elevation/Relocation of Flood Prone Structures	There are homes and businesses along Blackwater River which flood during heavy rain events. Each location would need to be evaluated on a case by case basis to determine the appropriate solution to limit flood damage.	\$ 1,000,000	\$ -	pending funding source	26	\$ -	

Total Milton

\$ 24,341,000

\$291,750